

**COMBINED DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and sole inventor of the subject matter (an original, first and joint inventor) which is claimed and for which a utility patent is sought on the invention entitled:

USE OF INTERLEUKIN-11 TO TREAT GASTROINTESTINAL DISORDERS

the specification of which was filed on April 7, 2000 as United States non-provisional application USSN 09/545,627.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.



I hereby claim the benefit under Title 35, United States Code, § 119(e) or §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

Application No. (U.S.S.N.)	Filing Date (dd/mm/yy)	Status (Patented, Pending, Abandoned)
60/129,421	04/15/99	

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Attorney or Agent	Registration No.	Attorney or Agent	Registration No.
Kevin Ainsworth	39,586	Robert Klauzinski	42,742
Ingrid Beattie	42,306	Kristin E. Konzak	44,848
Naomi Biswas	38,384	Cynthia Kozakiewicz	42,764
David F. Crosby	36,400	Barry Marenberg	40,715
James G. Cullem	43,569	William Marino	44,219
Brett N. Dorny	35,860	A. Jason Mirabito	28,161
Marianne Downing	42,870	Michel Morency	Limited Recognition
Ivor R. Elrifi	39,529	Bradley Olson	40,750
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John A. Harre	37,345	Brian Rosenbloom	41,276
Shane Hunter	41,858	Thomas M. Sullivan	39,392
David E. Johnson	41,874	Howard Susser	33,556
Kris Kalidindi	41,461	Shelby J. Walker	45,192
Christina Karnakis	45,899	Martin M. Zoltick	35,745

all of MINTZ, LEVIN, COHN, FERRIS, GLOVSKY AND POPEO PC, One Financial Center, Boston, Massachusetts 02111;

Attorney or Agent	Registration No.	Attorney or Agent	Registration No.
Barbara A. Gyure	34,614	Elizabeth A. Hurley	41,859
M. Kymne Hehman	39,206	M. Andrea Ryan	26,942

all of GENETICS INSTITUTE, CambridgePark Drive, Cambridge, MA 02140;

Attorney or Agent	Registration No.	Attorney or Agent	Registration No.
Elizabeth M. Barnhard	31,088	Adley F. Mandel	26,942
Rebecca R. Barrett	35,152	Gale F. Matthews	32,269
Egon E. Berg	21,117	Joseph M. Mazzaresse	32,803
William H. Calnan	29,520	Arnold S. Milowsky	35,288
Milagros A. Cepeda	33,365	Daniel B. Moran	41,204
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Steven H. Flynn	29,639	George Tarnowski	27,472
Alan M. Gordon	30,637	Darryl L. Webster	34,276
John W. Hogan, Jr.	32,703		

all of AMERICAN HOME PRODUCTS CORPORATION, One Campus Drive, Parsippany, New Jersey 07054

Express Mail Label No.: EK611912999US
Date of Deposit: November 13, 2000

Attorney Docket No. 22508-513

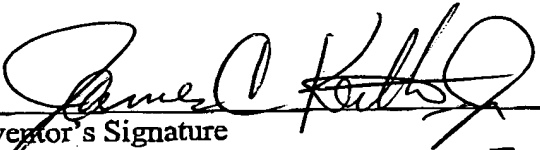
as Applicant's attorneys with full power of substitution and revocation to take any and all action necessary with regard to the above-identified patent.

Address all telephone calls to **Ivor R. Elrifi** at telephone number 617/348-1747.

Address all correspondence to:

Ivor R. Elrifi
MINTZ, LEVIN, COHN, FERRIS, GLOVSKY AND POPEO, P.C.
One Financial Center
Boston, Massachusetts 02111

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or patent issued thereon.


Inventor's Signature
Full Name of Inventor: James C. Keith, Jr.
Citizenship: United States
Residence: 28 Vine Street, Andover, MA 01810
Post Office Address: SAME

November 9, 2000
Date

Inventor's Signature
Full Name of Inventor: Theo L. Peeters
Residence: Kasteeldreef 38, Linden B-3210, Belgium
Post Office Address: SAME

Date

Inventor's Signature
Full Name of Inventor: Inge Depoortere
Citizenship: Belgium
Residence: Harentstraat 29, Bonheiden B-2820, Belgium
Post Office Address: SAME

Date

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Date of Deposit: November 13, 2000

Attorney Docket No. 22508-513

Inventor's Signature
Full Name of Inventor: G. Van Asche

Date

Citizenship: Belgium
Residence: Diestse Vest 113, Leuven B-3000, Belgium
Post Office Address: SAME

TRADOCS:1383901.1(TNTP011.DOC)

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U.S. PATENT & TRADEMARK OFFICE

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60/129,421	04/15/99	

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Inventor's Signature
 Full Name of Inventor: James C. Keith
 Citizenship: United States
 Residence: 28 Vine Street, Andover, MA 01810
 Post Office Address: SAME

Date

In Ullert

30-10-2000

Inventor's Signature
 Full Name of Inventor: Theo L. Peeters
 Residence: Kasteeldreef 38, Linden B-3210, Belgium
 Post Office Address: SAME

Date

Inge Depoortere

Inventor's Signature
 Full Name of Inventor: Inge Depoortere
 Citizenship: Belgium
 Residence: Harentstraat 29, Bonheiden B-2820, Belgium
 Post Office Address: SAME

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USE OF INTERLEUKIN-11 TO TREAT GASTROINTESTINAL DISORDERS

the specification of which is filed August 1, 2001 bearing Attorney Docket No. 22058-513-CON.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application designating at least one country other than the United States listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

[illegible]

I hereby claim the benefit under Title 35, United States Code, § 119(e) or §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

Application No. (U.S.S.N.)	Filing Date (dd/mm/yy)	Status (Patented, Pending, Abandoned)
09/545,627	07/04/00	Pending
60/129,421	15/04/99	Abandoned

PCT International Applications designating the United States:

PCT International Application No.	PCT Filing Date	Status

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Brian P. Hopkins	42,669	Shelby J. Walker	45,192
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Applicant(s): Keith et
Attorney Docket: 22058-513 CON

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Applicant(s): Keith et

Attorney Docket: 22058-513 CON

Inventor's Signature

Date _____

Full Name of Inventor: G. Van Asche

Citizenship: Belgium

Residence: Diestse Vest 113, Leuven B-3000, Belgium

Post Office Address: SAME

TRA 1549876v1

[illegible]